

Marijuana Fact Sheet

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, and .

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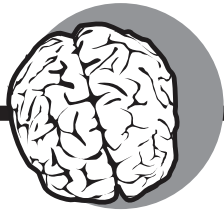
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THC

(tetrahydrocannabinol) is the active ingredient in marijuana.

THC activates THC **receptors** in the brain.

These receptors are located in the: **limbic system**,

cerebral cortex, and **cerebellum**.

When THC activates these receptors, it interferes with the **normal** functioning of these areas of the brain.

Activity in the **hippocampus** is reduced when someone is using marijuana, causing problems with short-term memory. Long-term use can cause permanent **memory loss** and **learning problems**.

The amount of tar, carbon monoxide, and cancer-causing chemicals can be **greater** in marijuana smoke than in tobacco smoke.

Long-term marijuana users can become **addicted** to the drug.